

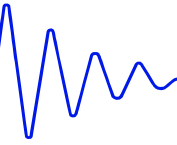
2/4-Quadrant-Amplifier-Set type LPA 50/GN/3



The 2/4-Quadrant-Amplifier-Set LPA 50/GN/3 can be used for the generation of pulses.

Technical Data

Applications:	e.g. pulse CI 230 Ford_ES-XW7T-1A278-AC
Continuous power:	50W (at nominal voltage)
Nominal voltage:	U ₁ : 0 ... 18V _{DC} / I _{cont} :4A _{DC} U ₂ : 0 ... 36V _{DC} / I _{cont} :2A _{DC} U ₃ : 0 ... 60V _{DC} / I _{cont} :1A _{DC} U _{1..3} : 0 ... -5V _{DC} / I _{cont} :0.5A _{DC}
Voltage adjustment:	depending on oscillator used
Load regulation: (0...nominal load)	< 1.5%
Gain stability:	10min: < 0.2% at constant load and temperature 8h: < 0.5% at constant load and temperature
Frequency range:	DC ... 300kHz small signal bandwidth
Rise time:	U ₁ : >1V/μs U ₂ : >2V/μs U ₃ : >3V/μs
Protection circuits:	Overload (current limitation) Short circuit (current limitation) Overtemperature



Input:	
Input voltage: (for max. output voltage)	+5V _p
Input impedance:	approx. 10kΩ
Interface:	IEEE488
Power supply:	230V (+6% -10%) 50Hz ... 60Hz (fuse at 2A)
Ambient temperature:	0°C up to +40°C
Housing:	Sub-drawer system in 19"-plug-in-unit (3U)
Dimensions:	approx. H=135mm; W=483mm; D=450mm
Weight:	approx. 15kg